

# PUBLIC HEALTH ENGLAND BEHAVIOURAL SCIENCE REFERENCE CELL LITERATURE REPORT

19/02/2021

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## INTRODUCTION

This is the thirty-ninth weekly literature report from the Public Health England Behavioural Science Reference Cell. The report aims to highlight a selection of COVID-19 related work in the field of behavioural and social science (mostly) released from the 12<sup>th</sup> February 2021 – 19<sup>th</sup> February 2021. Please note the report is not a perfect product and the inclusion or omission of a publication should not be viewed as an endorsement or rejection by PHE. Additionally, the authors of this report do not accept responsibility for the availability, reliability or content of the items included in this report and do not necessarily endorse the views expressed within them.

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## HIGHLIGHTS

As we know how time pressured everyone is at the moment, the authors of the digest have selected three recommended items from the lists below. This week these are:

1. Public understanding of COVID-19 antibody testing and test results: A qualitative study conducted in the U.K. early in the pandemic, Jan Lecouturier et al., Social Science and Medicine, 16<sup>th</sup> February 2021.
2. How does exposure to COVID-19 influence health and income inequality aversion?, Miqdad Asaria et al., IZA Institute of Labor Economics, February 2021.
3. Behavioural science may explain vaccine hesitancy, Francesca Tamma, Swiss Re Institute, 15<sup>th</sup> February 2021.

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## RESEARCH PAPERS

### Pre-prints (not peer-reviewed)

Socio-economic indicators correlate with daily mobility during the second-wave of the COVID-19 pandemic, Jed Long et al., SocArXiv, 2021.

Moderators of changes in smoking, drinking, and quitting behaviour associated with the first COVID-19 lockdown in England, Sarah E. Jackson et al., medRxiv, 17<sup>th</sup> February 2021.

How can the uptake of preventive behaviour during the COVID-19 outbreak be improved? An online survey of 4827 Chinese residents, Yimeng Mao et al., BMJ Open, 16<sup>th</sup> February 2021.

Competing motives in a pandemic: affiliative and pathogen-avoidance motives predict (non)compliance with social distancing guidelines, Mitch Brown et al., PsyArXiv Preprints, 13<sup>th</sup> February 2021.

## UNCLASSIFIED

Exploring the association between compliance with measures to prevent the spread of COVID-19 and big five traits with bayesian generalized linear model, Hyemin Han, PsyArXiv Preprints, 13<sup>th</sup> February 2021.

Association of demographic and occupational factors with SARS-CoV-2 vaccine uptake in a multi-ethnic UK healthcare workforce: a rapid realworld analysis, Christopher A. Martin et al., medRxiv, 13<sup>th</sup> February 2021.

Stage 2 registered report: Changing health compliance through message repetition based on the extended parallel process model in the COVID-19 pandemic, Jingwen Yang et al., PsyArXiv Preprints, 13<sup>th</sup> February 2021.

COVID-19 vaccination intent, perceptions, and reasons for not vaccinating among groups prioritized for early vaccination — United States, September and December 2020, Kimberly H. Nguyen et al., CDC, 12<sup>th</sup> February 2021.

Impacts of school closures on physical and mental health of children and young people: a systematic review, Russell Viner et al., medRxiv, 12<sup>th</sup> February 2021.

The pandemic fallacy: Inaccuracy of social scientists' and lay judgments about COVID-19's societal consequences in America, Cendri Hutcherson et al., PsyArXiv Preprints, 11<sup>th</sup> February 2021.

### **Published**

Ideological and psychological predictors of COVID-19-related collective action, opinions, and health compliance across three nations, Becky L. Choma et al., Journal of Social and Political Psychology, 19<sup>th</sup> February 2021.

Public understanding of COVID-19 antibody testing and test results: A qualitative study conducted in the U.K. early in the pandemic, Jan Lecouturier et al., Social Science and Medicine, 16<sup>th</sup> February 2021.

International experiences with co-production and people centredness offer lessons for COVID-19 responses, Eva Turk et al., BMJ, 16<sup>th</sup> February 2021.

COVID-19 prevention behaviours among health staff: data from a large survey in the West of Iran, Saeid Bashirian et al., Journal of Research in Health Sciences, 14<sup>th</sup> February 2021.

Health-related quality of life of hospitalized COVID-19 survivors: an initial exploration in Nanning City, China, Chenhui Wu et al., Social Science and Medicine, 12<sup>th</sup> February 2021.

Impacts of the COVID-19 pandemic on animal behaviour and welfare researchers, Irene Camerlink et al., Applied Animal Behaviour Science, 9<sup>th</sup> February 2021.

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## COMMENTARIES, STATEMENTS, POSITION PAPERS, AND GREY

### LITERATURE

How does exposure to COVID-19 influence health and income inequality aversion?, Miqdad Asaria et al., IZA Institute of Labor Economics, February 2021.

A 'sustainable suppression' strategy for keeping society open, Independent SAGE, February 19<sup>th</sup> 2021.

Behavioural Insights research to support the response to COVID-19: a survey of implementation in the EU/EEA, European Centre for Disease Prevention and Control, 17<sup>th</sup> February 2021.

Co-production of knowledge: the future, S. Redman et al., BMJ, 16<sup>th</sup> February 2021.

Independent SAGE briefing note on use of punishments in the COVID response, Independent SAGE, February 16<sup>th</sup> 2021.

Safe visiting at care homes during COVID-19: A review of international guidelines and emerging practices during the COVID-19 pandemic, Lee-Fay Low et al., International Long Term Care Policy Network, 19<sup>th</sup> January 2021.

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## BLOGS

Girl-led activism in humanitarian crises: Implications for programmes and policymaking in COVID-19, Janina Jochim et al., King's College London, 18<sup>th</sup> February 2021.

Where's the integration between public health and primary care in the response to COVID-19?, Luisa M. Pettigrew et al., BMJ, 18<sup>th</sup> February 2021.

UNCLASSIFIED

You're not imagining it: the pandemic is making your hair fall out, Jessica Schiffer, The New York Times, 18<sup>th</sup> February 2021.

Humour over rumour? The world can learn a lot from Taiwan's approach to fake news, Arwa Mahdawi, The Guardian, 17<sup>th</sup> February 2021.

COVID-19 vaccination programme: where do people with mental health difficulties lie within the order of priority?, Andrea Cipriani et al., BMJ, 16<sup>th</sup> February 2021.

Damned if they do, damned if they don't? Public sentiment towards the police during the first lockdown, Geoff Newiss et al., LSE, 16<sup>th</sup> February 2021.

Crisis or not, the evidence shows that community power works, Grace Pollard, New Local, 16<sup>th</sup> February 2021.

NHS workers will need help to manage the trauma of the pandemic, Neil Greenberg, The Conversation, 15<sup>th</sup> February 2021.

Lessons from lockdown: The contributions of behavioural science, School of Psychology and Counselling at the Open University, 15<sup>th</sup> February 2021.

Time to end assumption that public health interventions encourage risk, Thomas Talhelm, Behavioural Scientist, 15<sup>th</sup> February 2021.

Behavioural science may explain vaccine hesitancy, Francesca Tamma, Swiss Re Institute, 15<sup>th</sup> February 2021.

Key workers' dedication takes a toll on their families – here's what employers should do about it, Anica Zeyen et al., The Conversation, 15<sup>th</sup> February 2021.

Reserve the J&J Vaccine for people who are more likely to engage in high risk activities, Gary Cornell, Black Oak Books Holdings Corporation, 13<sup>th</sup> February 2021.

Why did a German newspaper insist the Oxford AstraZeneca vaccine was inefficacious for older people—without evidence?, Hristio Boytchev, BMJ, 12<sup>th</sup> February 2021.

Bacon masks, baby shark, panic buying – behavioural change lessons from COVID-19, James Healy et al., Deloitte, 12<sup>th</sup> February 2021.

Escaping catch-22 — overcoming COVID vaccine hesitancy, Lisa Rosenbaum, The New England Journal of Medicine, 12<sup>th</sup> February 2021.

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## PODCASTS, WEBINARS, AND RECORDINGS

### Upcoming

Are we all in it together? Policing human rights, security and democracy during the COVID-19 pandemic, Clifford Stott, Keele University, 3<sup>rd</sup> March 2021.

We are all in this together: has COVID-19 taught us how to save the world?, LSE Festival: Shaping the Post-COVID World, 1<sup>st</sup> March 2021.

COVID unknowns: vaccines, BMJ, 25<sup>th</sup> February 2021.

PHE COVID-19 virtual research symposium, Public Health England, 25<sup>th</sup> February 2021

How has the pandemic influenced public attitudes toward science?, Knowable Magazine, 23<sup>rd</sup> February 2021.

Assessing the relationship between policy and social constructions in the US States, (60 min), Candis Watts Smith, Minority Politics, 23<sup>rd</sup> February 2021.

### Pre-recorded

Out of lockdown, (29 min), The Briefing Room, BBC Radio 4, no date.

indie\_SAGE 19.02.21, indie\_sage, Youtube, 19<sup>th</sup> February 2021.

Governments have been trying to get the balance between voluntary compliance and regulation right, Timothy Besley, LSE, 18<sup>th</sup> February 2021.

Finding connection in an age of isolation, RSA, 18<sup>th</sup> February 2021.

Webinar: Co-producing knowledge for stronger health systems, Alliance for Health Policy and Systems Research, 16<sup>th</sup> February 2021.

Rules of engagement when talking to conspiracists, (18 min), Podcasts: The Take, Aljazeera, 12<sup>th</sup> February 2021.

Neil Greenberg on tackling PTSD in the NHS, (39 min), the BMJ Podcast, 10<sup>th</sup> February 2021.

## **NEWSPAPER ARTICLES AND OTHER JOURNALISM**

Behaviour Change for Good unveils effective strategies to boost vaccination rates, Michele W. Berger, Penn Today, 18<sup>th</sup> February 2021.

Anti-vax at the Vatican? You might lose your job, Independent, 18<sup>th</sup> February 2021.

Extend list of COVID symptoms to pick up missing infections, scientists say, Samuel Lovett, Independent, 18<sup>th</sup> February 2021.

COVID and suicide: Japan's rise a warning to the world?, Rupert Wingfield-Hayes, BBC News, 18<sup>th</sup> February 2021.

COVID-19: Why are people from some ethnic minority groups in the UK less likely to take a coronavirus jab?, David Mercer, Sky News, 17<sup>th</sup> February 2021.

UK's first survey documenting the lives of ethnic and religious minority people during COVID-19 launches, Neil Vowles, University of Sussex, 16<sup>th</sup> February 2021.

Eroding trust, spreading fear: The historical ties between pandemics and extremism, Marc Fisher, The Washington Post, 15<sup>th</sup> February 2021.

Doctors bring the fight to anti-vaxxers online, Mohana Ravindranath, Politico, 15<sup>th</sup> February 2021.

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## **MISCELLANEOUS**

COVID-19 vaccine outreach and information, The Madeleine, no date.

Theory Database (prototype), no date.

Maximising uptake of the COVID-19 Vaccine for ethnic minority people, NHS Race and Health Observatory, February 2021.

When will I get the COVID vaccine? Online calculator estimates your place in the queue, Joe Sommerlad, Independent, 17<sup>th</sup> February 2021.

Vaccine hesitancy in the era of COVID, Nicole Parkerson et al., Thomas Jefferson University, 10<sup>th</sup> February 2021.